

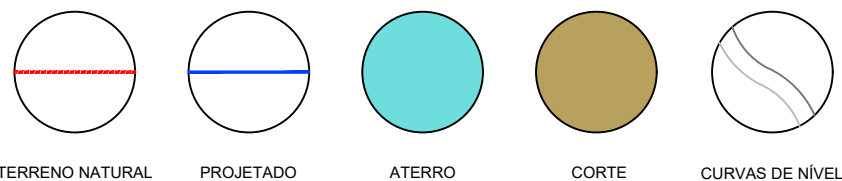
TRECHO 01

TRECHO 01



Estaca	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17
Cota do terreno		220,101	219,237	218,275	217,330	216,410	215,480	214,635	213,559	212,338	211,233	210,010	208,531	207,154	205,725	204,212	203,439	202,776	202,575
Cota da terraplenagem		220,102	219,267	218,272	217,327	216,411	215,452	214,631	213,546	212,324	211,233	209,984	208,476	207,130	205,722	204,205	203,443	202,776	202,578
Cota vermelha		-0,001	-0,030	0,002	0,004	-0,001	0,028	0,005	0,013	0,014	0,000	0,026	0,055	0,025	0,003	0,007	-0,003	0,000	-0,003

LEGENDA:

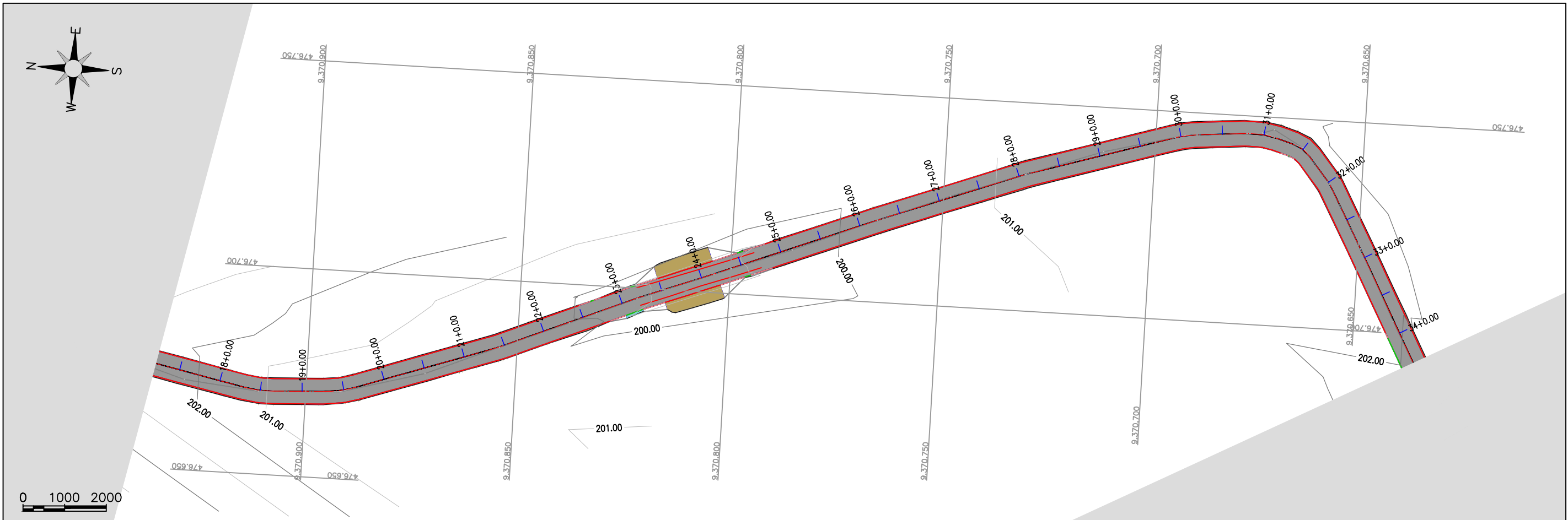


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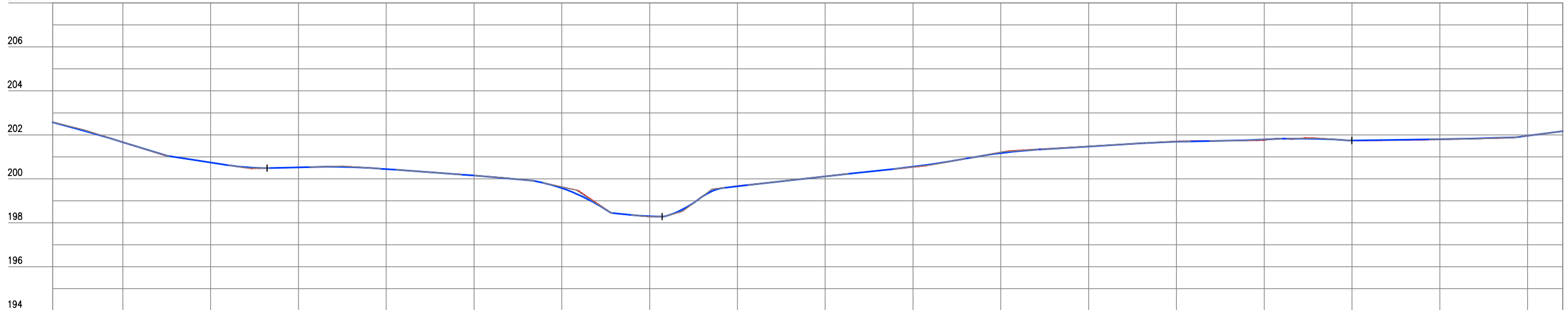


PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:
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 ESCALA:
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TRECHO 01



Estaca	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cota do terreno	202,575	201,665	200,744	200,523	200,442	200,152	199,578	198,298	199,661	200,113	200,552	201,171	201,474	201,687	201,791	201,743	201,801	201,958	202,165
Cota da terraplenagem	202,578	201,666	200,744	200,523	200,443	200,152	199,632	198,282	199,675	200,114	200,530	201,210	201,477	201,707	201,754	201,737	201,787	201,958	202,169
Cota vermelha	-0,003	-0,001	0,000	0,000	0,000	0,000	-0,054	0,015	-0,014	0,000	0,022	-0,039	-0,003	-0,021	0,038	0,006	0,014	0,000	-0,005

LEGENDA:

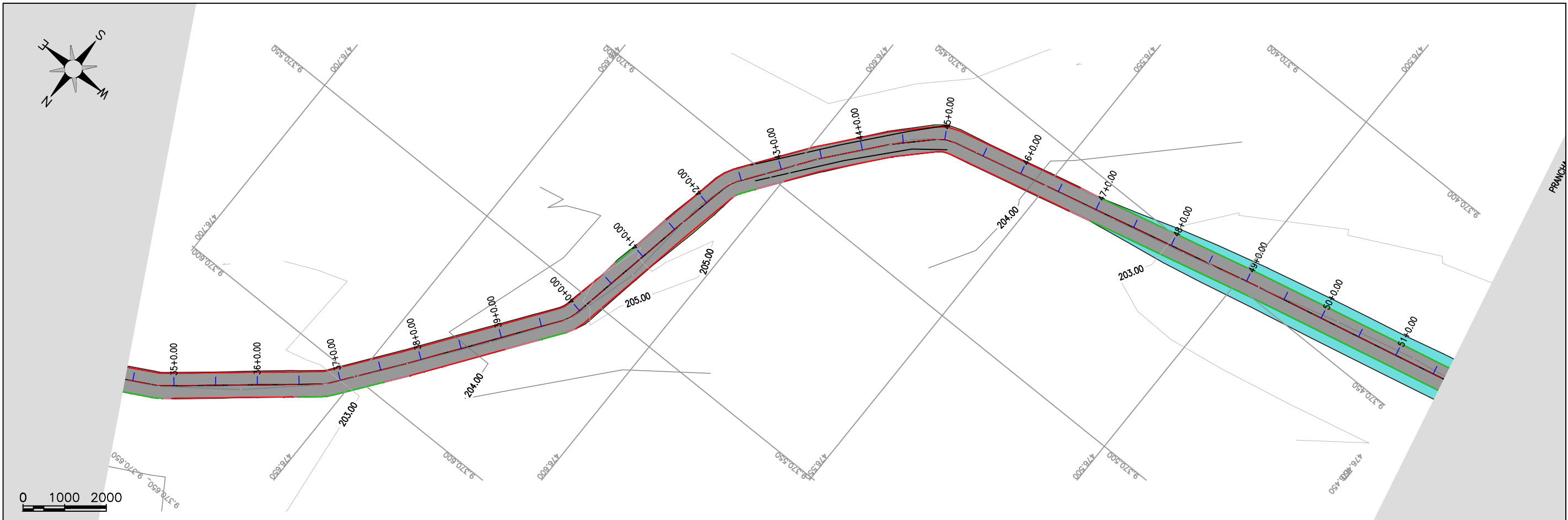
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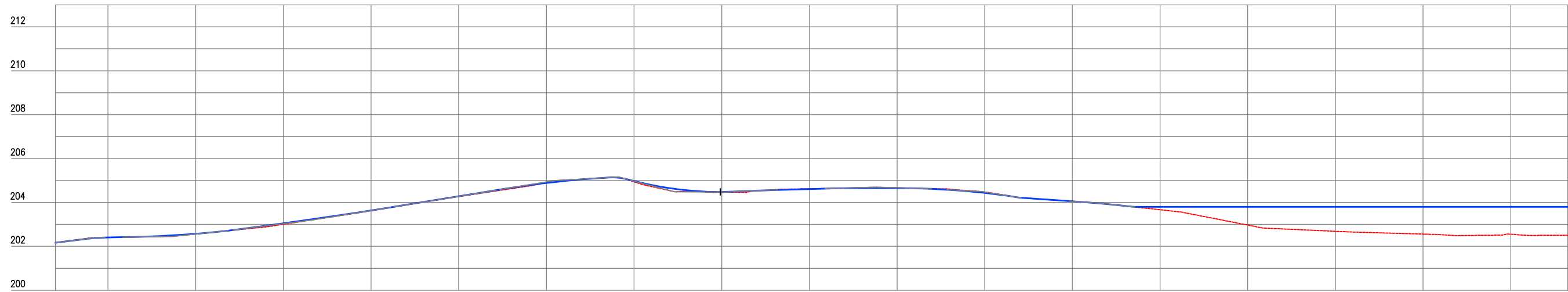
PREFEITURA MUNICIPAL DE MILHÃ
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:
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 ESCALA:
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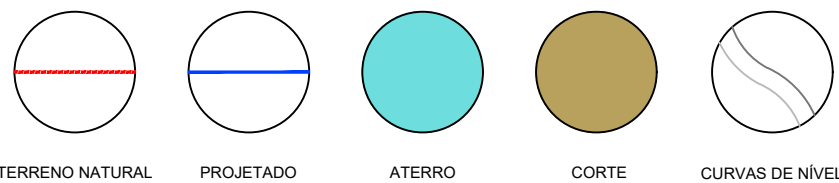


TRECHO 01



Estaca	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51
Cota do terreno	202,165	202,404	202,575	203,048	203,636	204,278	204,888	204,976	204,479	204,609	204,655	204,436	204,052	203,798	203,798	203,798	203,798	203,798	203,798
Cota da terraplenagem	202,169	202,404	202,561	203,003	203,623	204,287	204,916	204,940	204,471	204,624	204,665	204,476	204,051	203,688	202,970	202,685	202,558	202,552	202,507
Cota vermelha	-0,005	0,000	0,014	0,044	0,013	0,011	-0,028	0,036	0,007	-0,015	-0,010	-0,040	0,001	0,131	0,829	1,113	1,240	1,246	1,291

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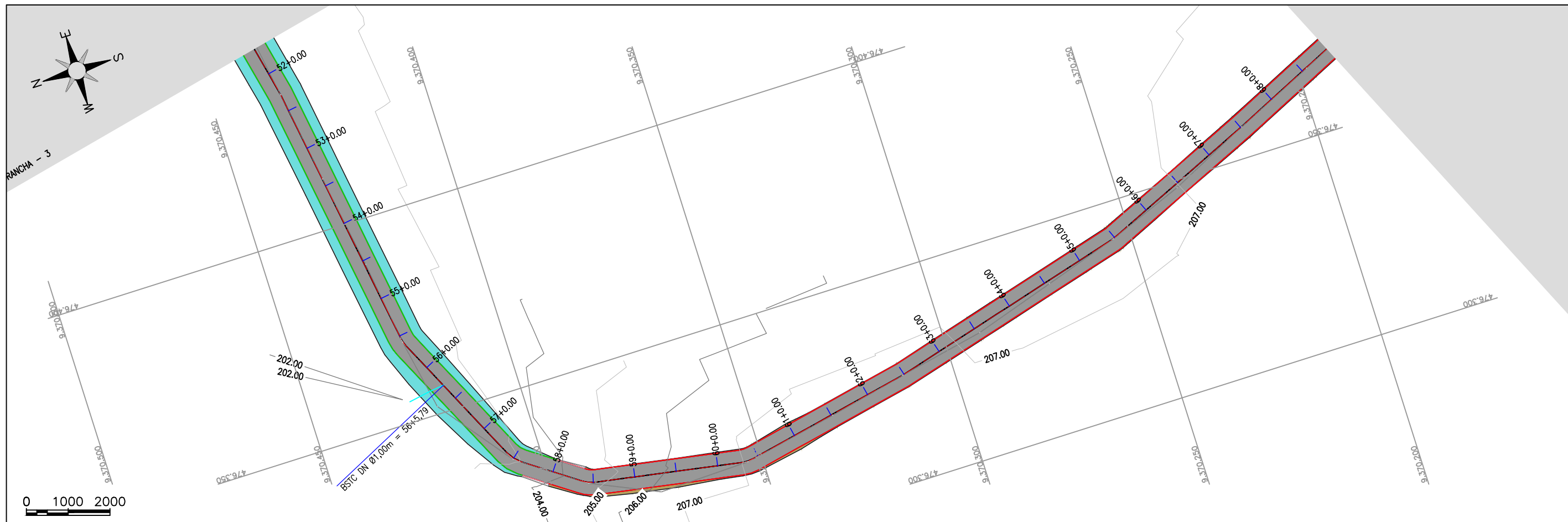
PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

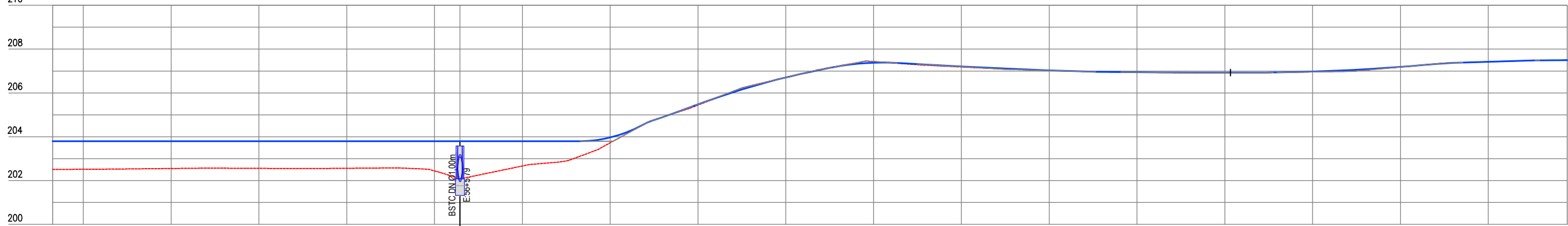
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:
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TRECHO 01



Estaca	51	52	53	54	55	56	56+57.9	57	58	59	60	61	62	63	64	65	66	67	68	68
Cota do terreno	203,798	203,798	203,798	203,798	203,798	203,798	203,798	203,798	203,968	205,478	206,706	207,390	207,206	207,033	206,946	206,928	206,975	207,190	207,421	207,499
Cota da terraplenagem	202,507	202,515	202,551	202,557	202,561	202,442	202,083	202,665	203,724	205,446	206,709	207,435	207,183	207,025	206,943	206,923	206,961	207,182	207,421	207,502
Cota vermelha	1,291	1,283	1,247	1,241	1,237	1,356	1,715	1,133	0,244	0,032	-0,003	-0,055	0,023	0,007	0,003	0,004	0,014	0,008	0,000	-0,003

LEGENDA:

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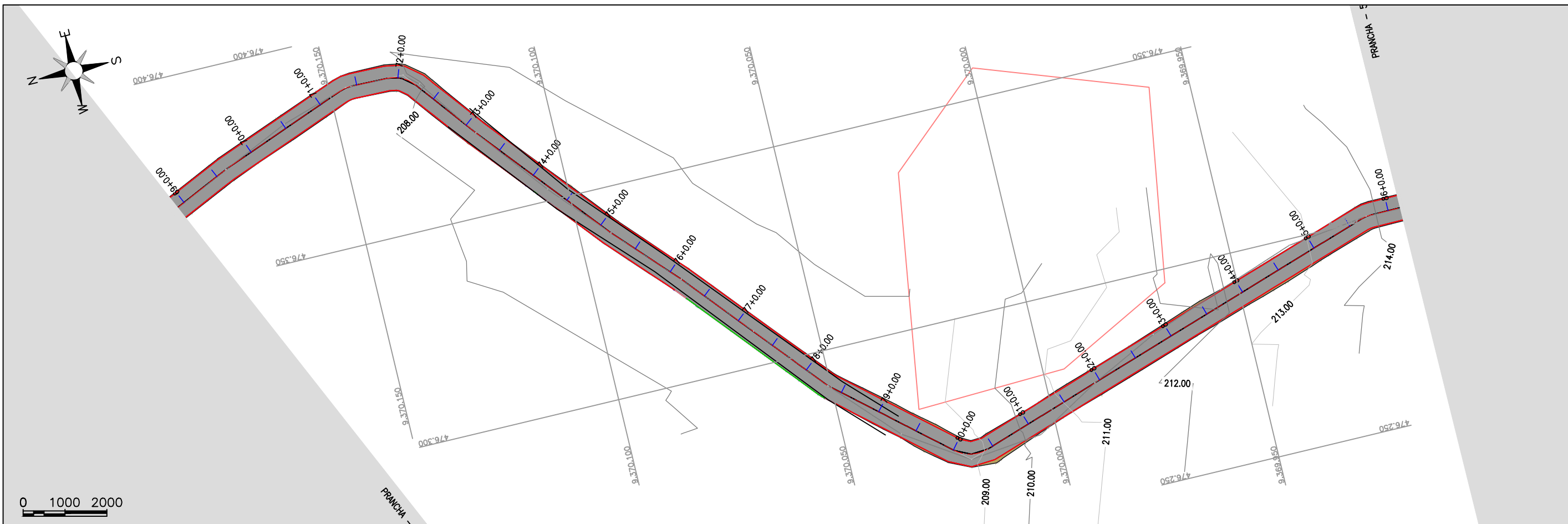
PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

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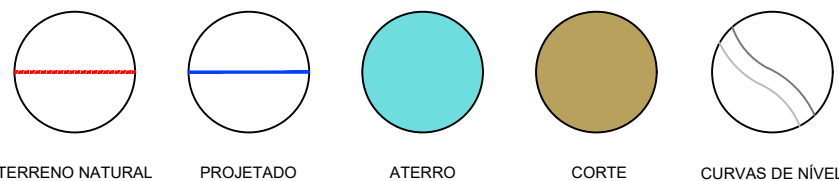


TRECHO 01



Estaca	Cota do terreno		Cota da terraplenagem		Cota vermelha
68	207,499	207,503	207,502	207,506	-0,003
69					-0,003
70	207,541	207,541	207,550	207,550	-0,008
71	207,665	207,665	207,645	207,645	0,019
72	207,905	207,905	207,929	207,929	-0,025
73	208,225	208,225	208,229	208,229	-0,005
74	208,289	208,289	208,289	208,289	0,000
75	208,303	208,303	208,301	208,301	0,002
76	208,384	208,384	208,363	208,363	0,020
77	208,379	208,379	208,360	208,360	-0,001
78	208,354	208,354	208,354	208,354	0,000
79	208,293	208,293	208,293	208,293	0,000
80	208,595	208,595	208,592	208,592	0,004
81	210,198	210,198	210,216	210,198	-0,018
82	211,396	211,396	211,395	211,395	0,000
83	211,748	211,748	211,750	211,748	-0,003
84	212,184	212,184	212,174	212,174	0,009
85	213,069	213,069	213,069	213,069	0,000
86	214,112	214,112	214,129	214,129	-0,017
86	214,247	214,247	214,257	214,257	-0,010

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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

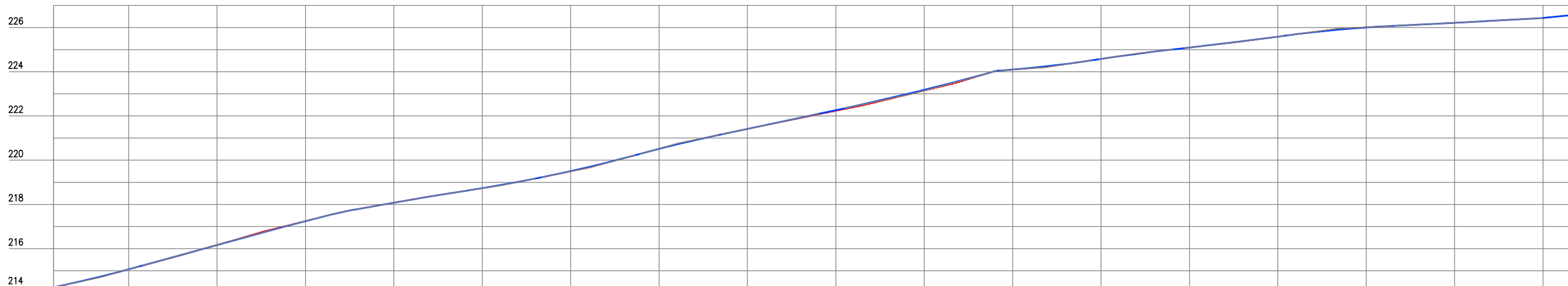
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:
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ESCALA:
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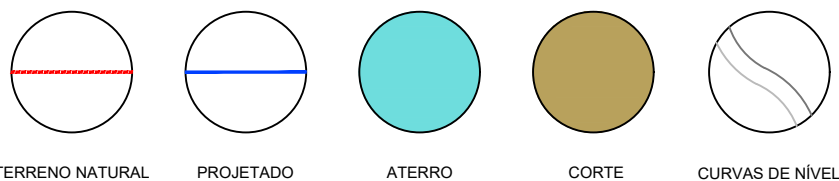


TRECHO 01



Estaca	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	103
Cota do terreno	214,247	215,067	216,165	217,247	218,076	218,733	219,504	220,515	221,411	222,264	223,183	224,099	224,578	225,094	225,565	226,003	226,213	226,437	226,590
Cota da terraplenagem	214,257	215,057	216,173	217,254	218,082	218,730	219,489	220,522	221,410	222,222	223,136	224,092	224,578	225,094	225,565	226,015	226,212	226,437	226,590
Cota vermelha	-0,010	0,009	-0,008	-0,007	-0,005	0,003	0,014	-0,007	0,001	0,042	0,047	0,007	0,000	0,000	0,000	-0,011	0,002	0,000	0,000

LEGENDA:

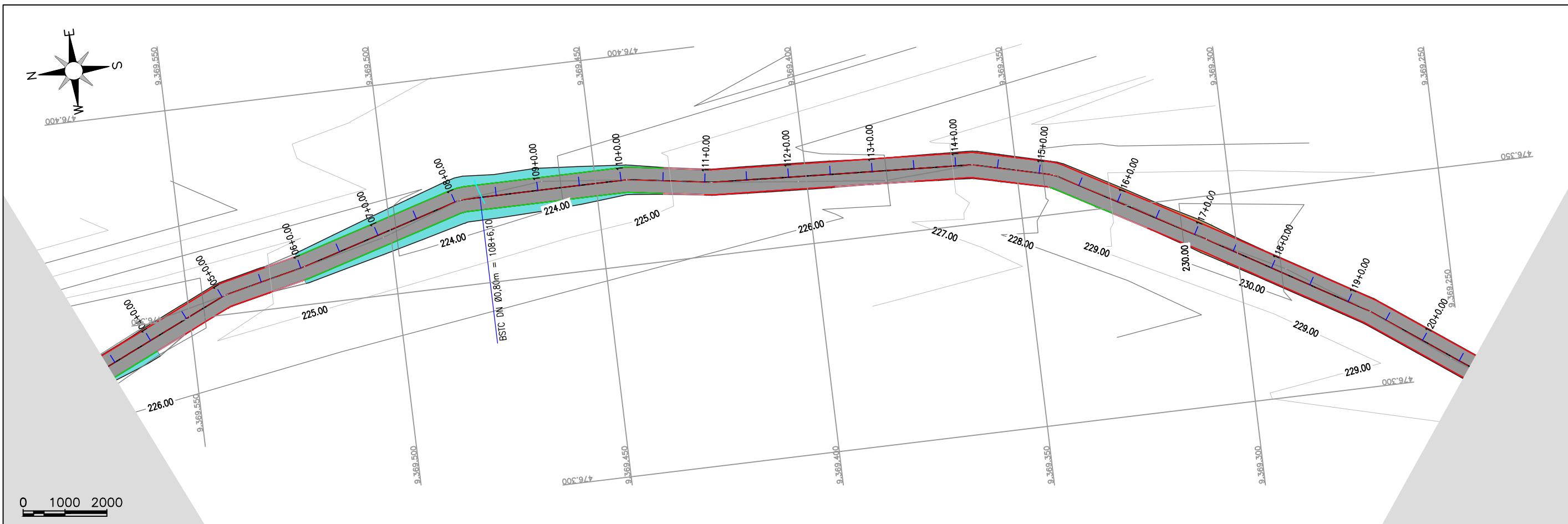



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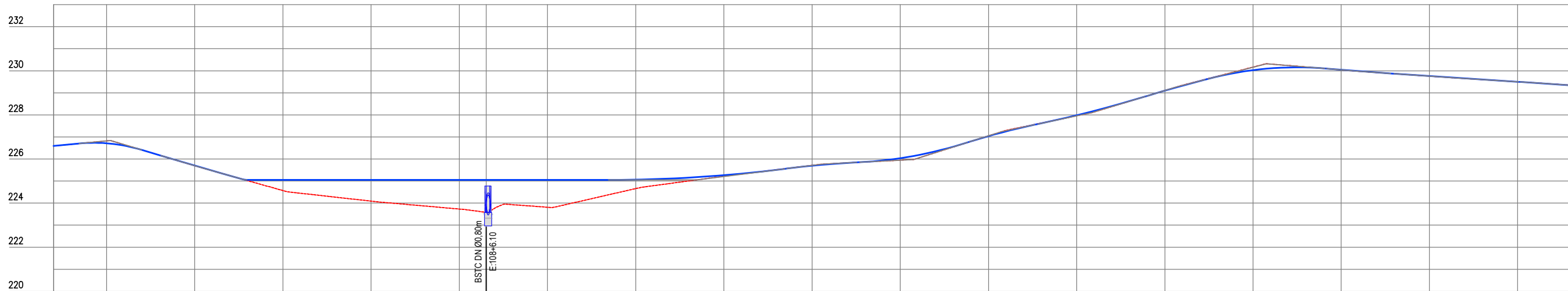


PREFEITURA MUNICIPAL DE MILHÃ	
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE	
ESTAQUEAMENTO E PERFIL LONGITUDINAL	
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
ARQUIVO:	MUCURI A TAMBURIM_GEO.DWG

PRANCHA:
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 ESCALA:
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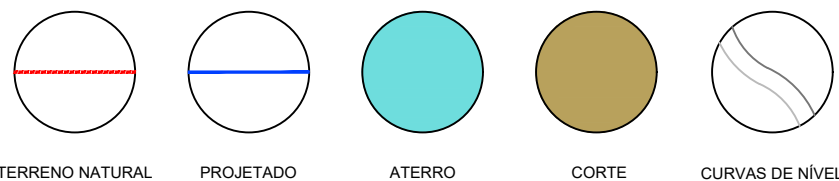


TRECHO 01



Cota vermelha	Cota da terraplenagem	Cota do terreno	Estaca
0,000	226,590	226,590	103
-0,107	226,820	226,713	104
0,008	225,686	225,703	105
0,484	224,569	225,053	106
0,985	224,086	225,053	107
1,322	223,731	225,053	108
1,473	223,580	225,053	108+6,10
1,241	223,812	225,053	109
0,407	224,657	225,065	110
0,051	225,217	225,267	111
-0,017	225,711	225,684	112
0,092	225,947	226,038	113
-0,013	227,049	227,036	114
0,026	227,960	227,986	115
-0,005	228,105	228,100	116
-0,139	230,169	230,030	117
0,001	230,044	230,045	118
0,002	229,759	228,761	119
0,000	229,503	229,503	120
-0,003	229,331	229,328	120

LEGENDA:




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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

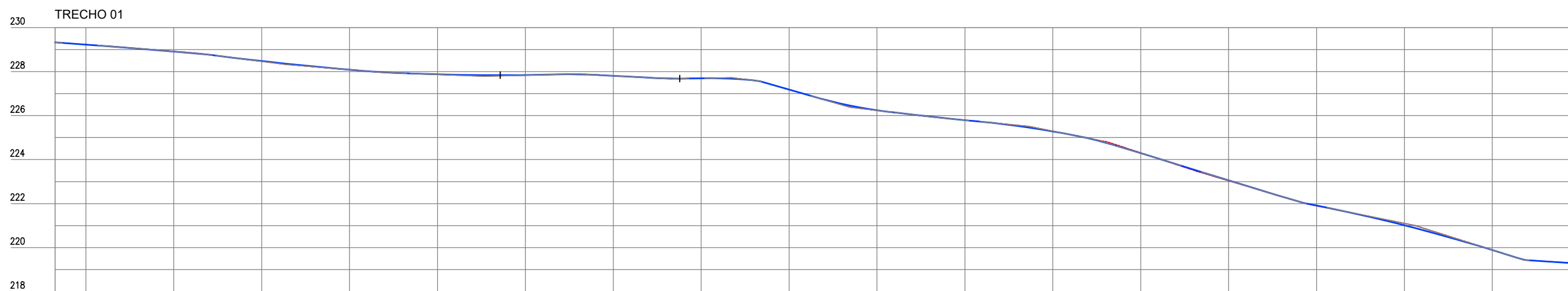
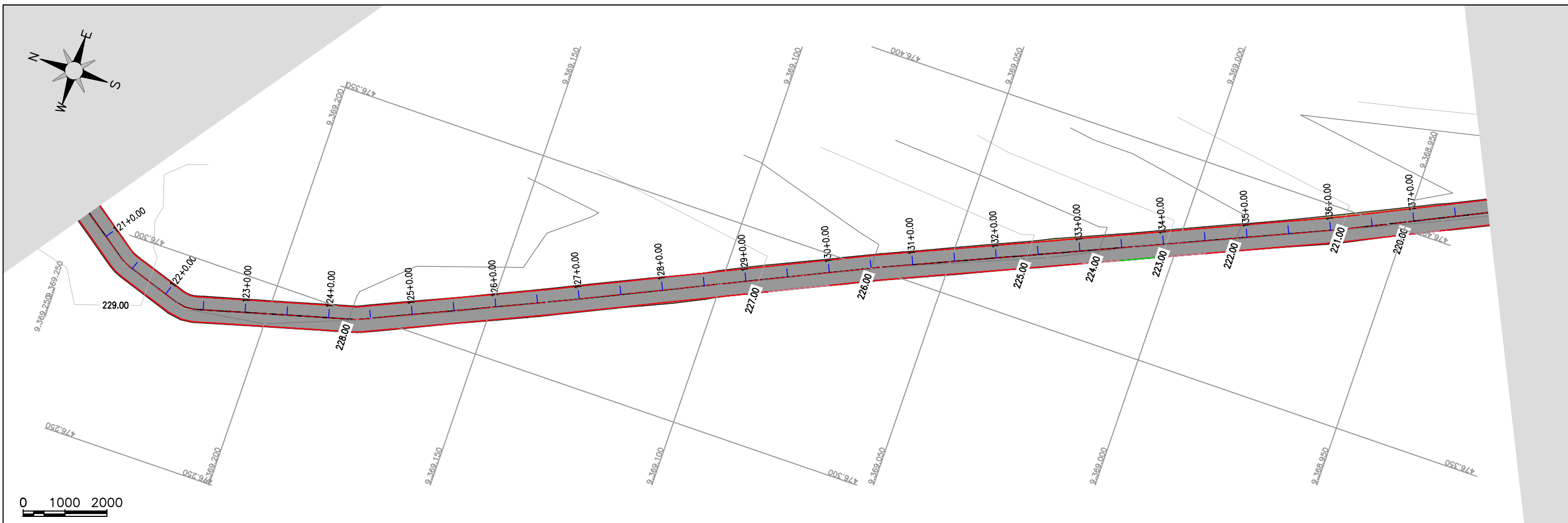
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:

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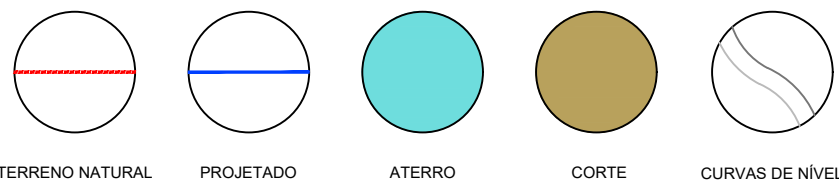
ESCALA:

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Estaca	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	137
Cota do terreno	229,328	229,224	228,908	228,480	228,086	227,876	227,845	227,809	227,686	227,183	226,243	225,794	225,281	224,295	223,058	221,910	221,014	219,883	219,297
Cota da terraplenagem	229,331	229,230	228,920	228,466	228,082	227,869	227,836	227,810	227,701	227,183	226,237	225,794	225,295	224,309	223,039	221,900	221,102	219,895	219,305
Cota vermelha	-0,003	-0,006	-0,013	0,015	0,004	0,007	0,010	0,000	-0,005	0,000	0,006	0,000	-0,013	-0,014	0,019	0,010	-0,088	-0,002	-0,007

LEGENDA:




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PREFEITURA MUNICIPAL DE MILHÃ
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

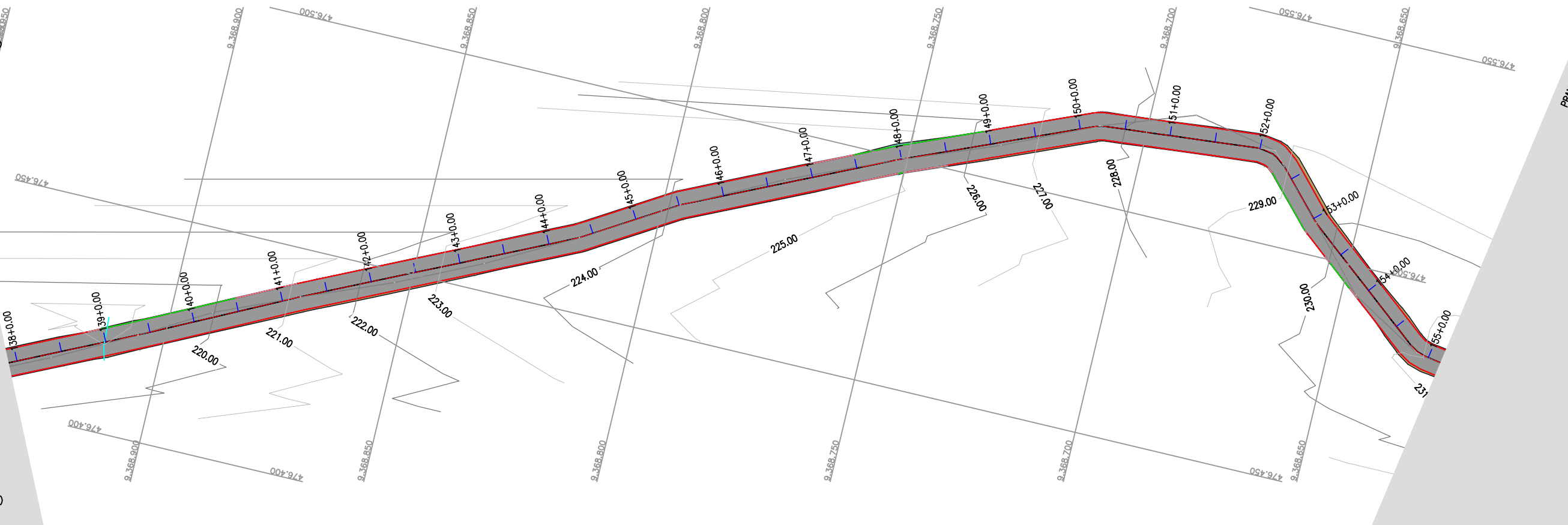
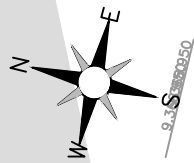
PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE
 ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:

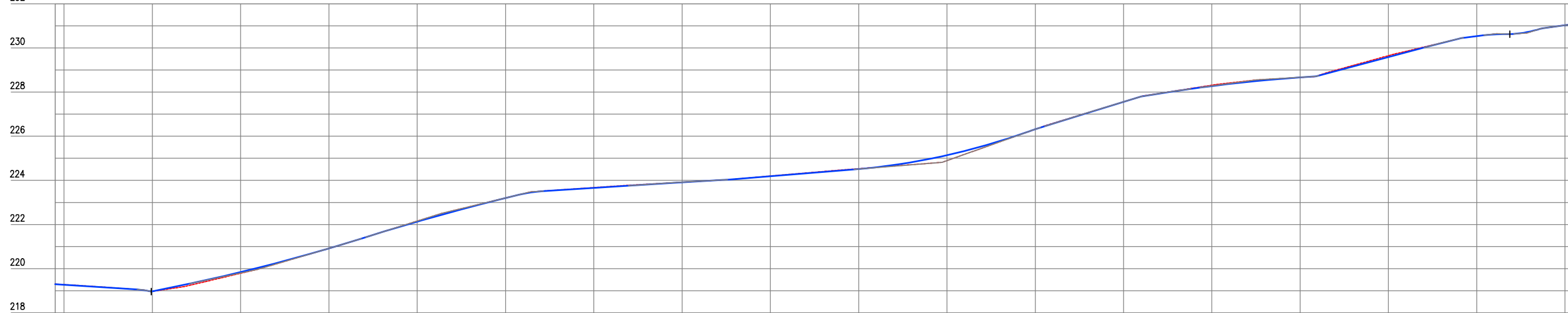
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ESCALA:

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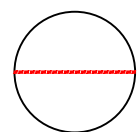


TRECHO 01

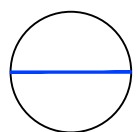


Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
137	219,297	219,305	-0,007
138	219,271	219,280	-0,009
139	218,972	218,969	0,003
140	219,846	219,789	0,057
141	220,919	220,919	0,000
142	222,128	222,156	-0,028
143	223,201	223,202	-0,002
144	223,662	223,674	-0,012
145	223,912	223,915	-0,003
146	224,190	224,198	-0,009
147	224,512	224,530	-0,017
148	225,140	224,894	0,246
149	226,316	226,318	-0,002
150	227,557	227,557	0,000
151	228,271	228,312	-0,041
152	228,664	228,662	0,002
153	229,585	229,649	-0,064
154	230,532	230,532	0,000
155	231,031	231,030	0,000
155	231,112	231,112	0,000

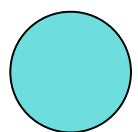
LEGENDA:



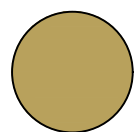
TERRENO NATURAL



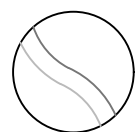
PROJETADO



ATERRO



CORTE



CURVAS DE NÍVEL

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PREFEITURA MUNICIPAL DE MILHÃ

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE

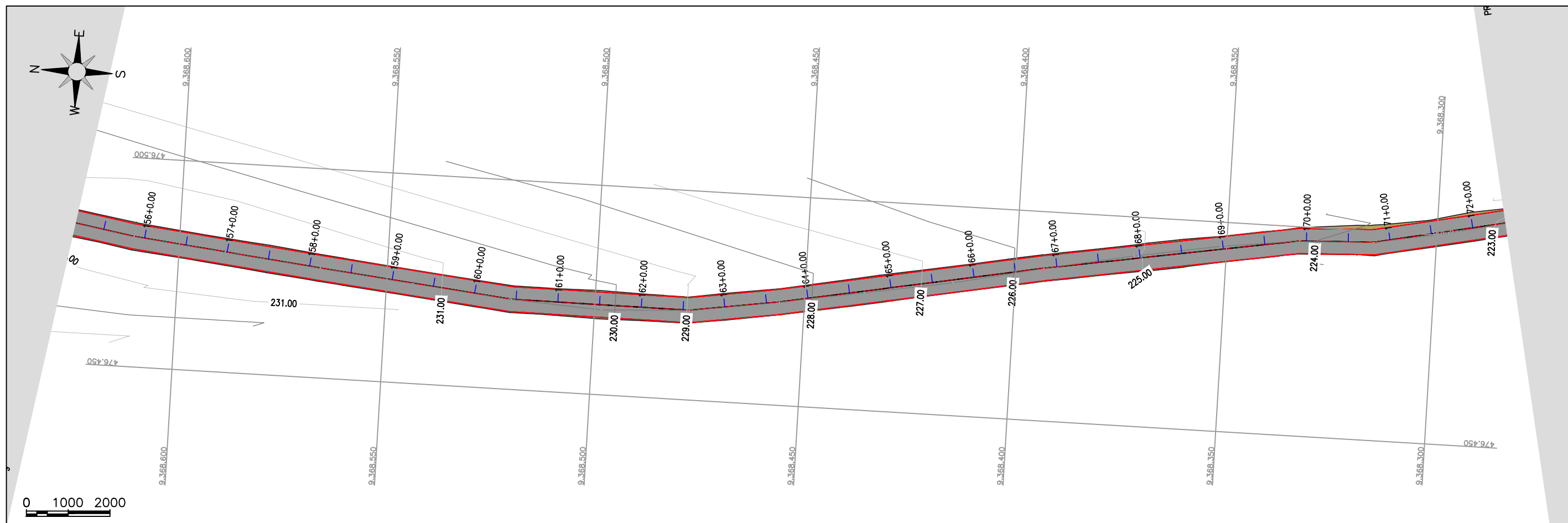
ARQUIVO: MUCURI A TAMBURIM_GEO.DWG

PRANCHA:

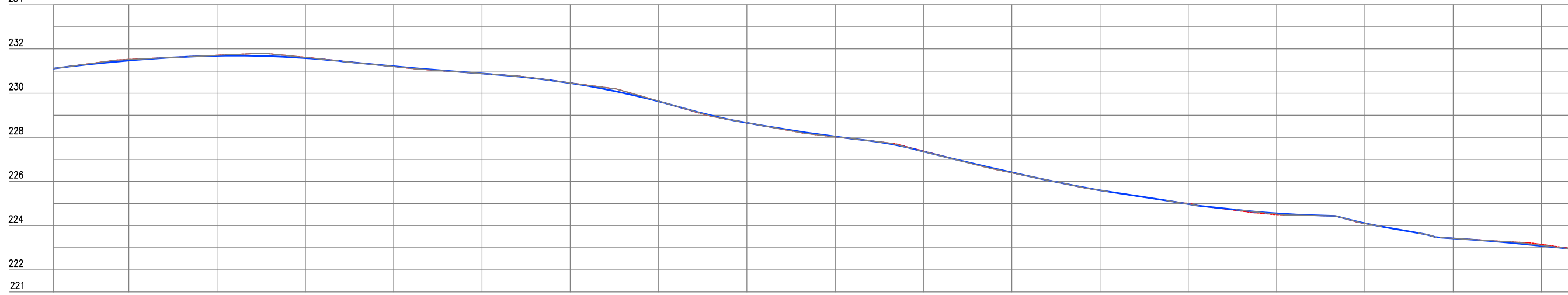
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ESCALA:

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TRECHO 01



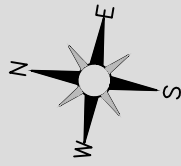
Estaca	Cota do terreno	Cota da terraplenagem	Cota vermelha
155	231,112	231,112	0,000
156	231,478	231,528	-0,050
157	231,681	231,713	-0,022
158	231,568	231,621	-0,033
159	231,216	231,205	0,011
160	230,887	230,887	0,000
161	230,457	230,465	-0,008
162	229,627	229,635	-0,007
163	228,658	228,658	0,001
164	228,034	228,022	0,012
165	227,358	227,378	-0,021
166	226,413	226,385	0,018
167	225,602	225,600	0,002
168	224,979	225,009	-0,030
169	224,558	224,501	0,057
170	224,110	224,086	0,014
171	223,427	223,428	-0,001
172	223,088	223,151	-0,062
172	222,914	222,930	-0,017

LEGENDA:

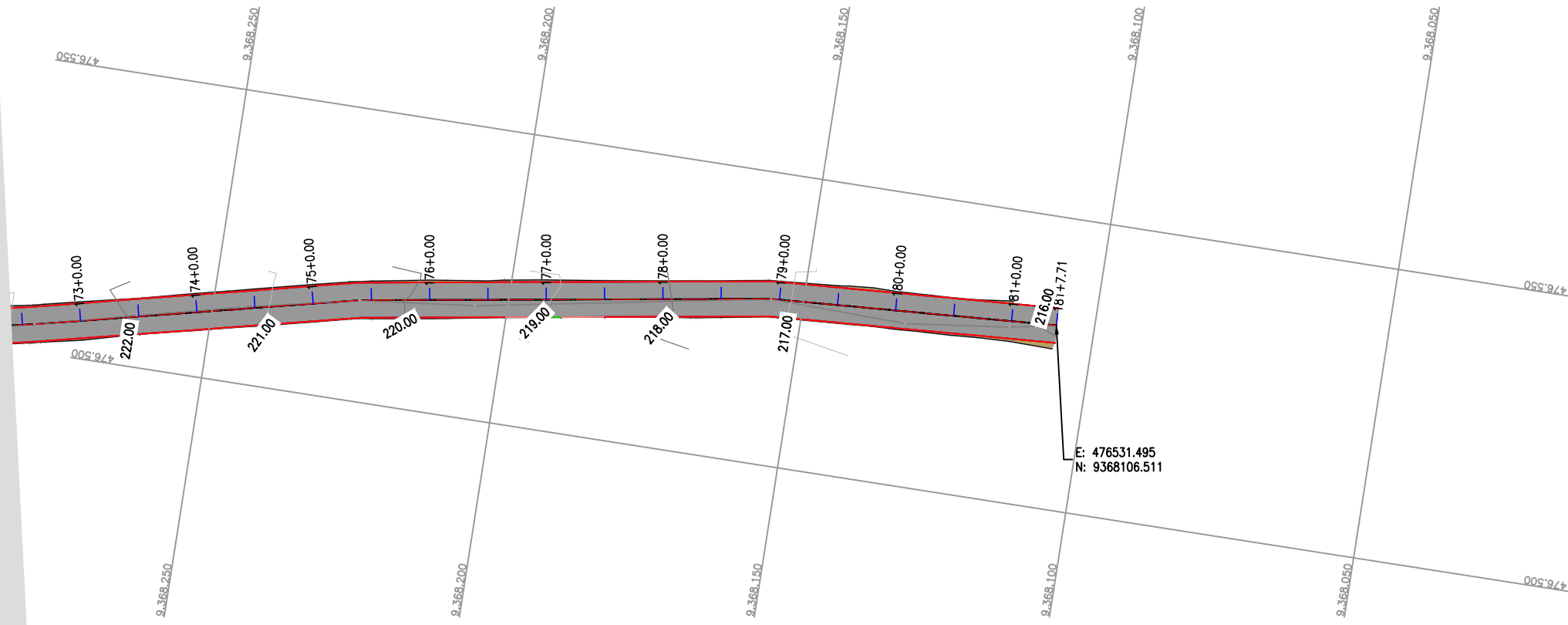
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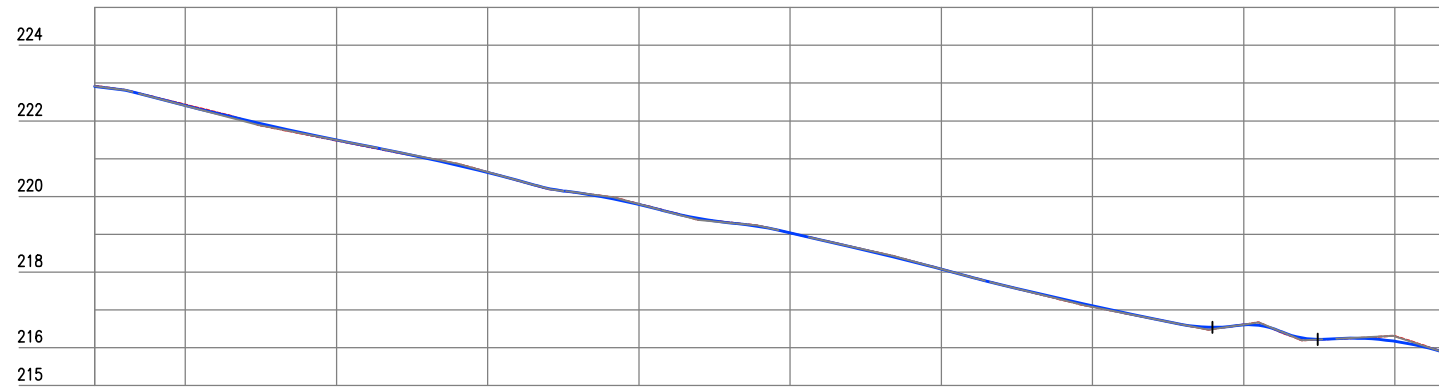
PREFEITURA MUNICIPAL DE MILHÃ		PRANCHA: 10 / 11
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE		
ESTAQUEAMENTO E PERFIL LONGITUDINAL		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA: 1/1000
ARQUIVO:	MUCURI A TAMBURIM_GEO.DWG	



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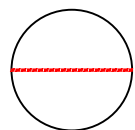


TRECHO 01

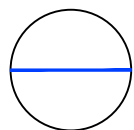


Cota vertical	Cota da terraplenagem	Cota do terreno	Estaca
-0,017	222,930	222,914	172
-0,023	222,430	222,407	173
0,016	221,479	221,496	174
-0,014	220,646	220,632	175
-0,016	219,804	219,788	176
0,000	219,038	219,038	177
-0,004	218,092	218,078	178
0,027	217,080	217,107	179
-0,007	216,614	216,607	180
-0,136	216,306	216,171	181
0,000	215,800	215,800	181

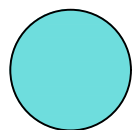
LEGENDA:



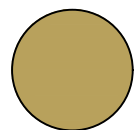
TERRENO NATURAL



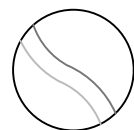
PROJETADO



ATERRO



CORTE



CURVAS DE NÍVEL

Arthur Moreira Torquato
JOTA BARROS PROJETOS
 Engº Civil - CREA 53900D - CE



PREFEITURA MUNICIPAL DE MILHÃ		PRANCHA:
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE MILHÃ-CE		11 / 11
ESTAQUEAMENTO E PERFIL LONGITUDINAL		
PROJETISTA:	ENG. CIVIL ARTHUR MOREIRA TORQUATO - CREA 53.900D-CE	ESCALA:
ARQUIVO:	MUCURI A TAMBURIM_GEO.DWG	1/1000